

IN THE UNITED STATES PATENT & TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 CFR §1.53(b)

To: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231, USA

Docket No.:

Inventor(s): GRAVES, Alan F.  
WATKINS, John H.

The following are enclosed for filing this nonprovisional application relating to:

☐ CONTINUING APPLICATION. This is a ☐ Continuation ☐ Divisional ☐ Continuation-in-part  
of prior Application No. \_\_\_\_\_

☐ A Certified Copy of the application(s) from which this application claims priority under  
35 U.S.C. §119 has been filed in the prior application identified above.

☐ Copy of the assignment(s) to \_\_\_\_\_, recorded with respect to the prior  
application identified above.

☒ Specification, including Claims and Abstract

Pages: 21

☒ Drawings

Sheets: 8

☒ Oath or Declaration

Pages: 3

☐ New

or ☐ Copy from the prior application identified above (for cont./div., 37 CFR §1.63(d))

☐ Signed statement attached deleting inventor(s) named in the prior application

☐ The entire disclosure of the prior application is considered as being part of the disclosure  
of the accompanying application and is hereby incorporated therein by reference.

☐ Certified Copy of Priority Document (if foreign priority is claimed)

☒ Assignment Papers (cover sheets(s) and documents(s)).

Please record and return to the undersigned.

☐ Information Disclosure Statement (IDS)/PTO-1449

☐ Copies of IDS Citations

☐ Preliminary Amendment. Fees are calculated below after entry of any preliminary amendment.

☒ Return Receipt Postcard

☐ Other:

<b>FEES:</b>	Basic Fee:		\$ 710.00
	Assignment(s):	<u>1</u> x \$40.00 =	40.00
	<input type="checkbox"/> Multiple Dependent Claims		
	Total Claims:	<u>31</u> - 20 = <u>11</u> x \$18.00 =	198.00
	Independent Claims:	<u>6</u> - 3 = <u>3</u> x \$80.00 =	<u>240.00</u>
	<b>TOTAL FEE:</b>		<b>\$1,188.00</b>

The Assistant Commissioner is hereby authorized to charge the following fees, and to charge any additional  
fees which may be required or credit any overpayment to **Deposit Account No. 50-1644**.

☒ Fees required under 37 CFR §1.116 including the Total Fee calculated above.

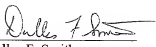
☐ Fees required under 37 CFR §1.117 (Patent Application Processing Fees).

**CORRESPONDENCE ADDRESS:**

Yours very truly

Gowling Lafleur Henderson LLP  
Suite 2600, 160 Elgin Street  
Ottawa, Ontario  
Canada K1P 1C3  
Tel: (613) 233-1781  
Fax: (613) 563-9869

By:

  
Dallas F. Smith  
Patent Agent  
Registration No. 34,074

Date: May 31, 2001